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GITH

FANS~

CATALOG NO.2

Guth

# Foreword

WENTY-EIGHT years of continuous, successful service in the development and manufacture of Lighting Fixtures and Allied Products has given recognition to this Company as being of the highest standing, both in quality of merchandise produced and financial aptitude.

## Scope of this Catalog

- ¶ Our No. 2 Guth-Fan Catalog gives complete detailed information for the convenience of the Architect, Engineer, Dealer and Consumer, concerning the adaptation of Guth-Fan and Fixtures to the varied requirements where AIR CIRCULATION and GOOD ILLUMINATION is important. Herein are illustrated and priced numerous standard designs of Guth-Fan and Fan Fixtures.
- ¶ Special designs to meet special Architectural treatment will be cheerfully submitted on request.
- ¶ All prices in this catalog contemplate our furnishing the material complete, material and finishes as described, with exception of electric lamps. GUTH FANS and FIXTURES are wired and assembled as far as practical for packing and safe transportation.
- ¶ NO ADDITIONAL CHARGE IS MADE for boxing and are invoiced F. O. B. Factory.
- ¶ TERMS: To concerns of satisfactory credit, 1% fifteen days. Net thirty days.
- ¶ On all designs which have previously been distributed in circular printed forms, sketches and otherwise under the same or other numbers, and which are now shown in this catalog, the prices, finishes, sizes and descriptions listed herein SUPERSEDE all PRE-VIOUS listings.

# The Edwin F. Gutth Company

Designers, Engineers and Manufacturers of Lighting Equipment and Guth-Fans

ST. LOUIS, U. S. A.

NEW YORK CITY, N. Y. 811 Marbridge Building Telephone, Wisconsin 2094

PHILADELPHIA, PA. 6150 Lebanon Ave. Telephone, Greenwood 1080

DETROIT, MICHIGAN 12071 CLOVERLAWN AVE. Telephone, Garfield 7047M

CLEVELAND, OHIO 1068 Leedale Ave. Telephone, Lakewood 4894 SAN FRANCISCO, CALIF. 407 Call Building Telephone, Sutter 5020

COLUMBUS, OHIO 1436 W. SECOND AVE. Telephone, University 3432

ATLANTA, GA. 1041 W. Peachtree St., N. E. Telephone, Hemlock 7664

MILWAUKEE, WISC. 2043 Cumberland Blvd. Telephone, Edgewood 4794 ST. PAUL, MINN. 1598 Berkley Ave. Telephone, Emerson 5914

SAN ANTONIO, TEX. 312 City Central Bank Bldg. Telephone, Travis 3025

FORT WORTH, TEX. 321 Emma Ave. Telephone, 2-2489

NORFOLK, VIRGINIA "G" Adrian Apartments Westover and Colley Sts. Telephone, Norfolk 34938

Copyright 1930





The Guth-Fan revitalizes air, making warm summer days and evenings more enjoyable. Lack of Air Motion causes air stagnation, the deadly enemy of lively minds and healthy bodies.

# Guth-Fan

# The Most Outstanding Development in Modern Air Moving Equipment

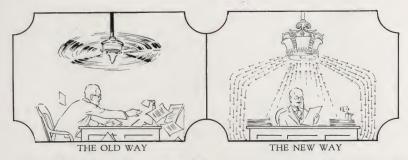
The Guth-Fan is an innovation, for it is the first outstanding development that scientifically controls air movement, combines attractively and efficiently with a Lighting Fixture and harmonizes with any decorative scheme.

Architects and Engineers have proclaimed the advent of the Guth-Fan with much enthusiasm because it fills a longfelt need for combined lighting and air moving equipment.

U. S. Pat. 1699201. Other U. S. and For. Pats. Pending "Guth-Fan" Trade Mark Reg. in U. S. and Numerous Foreign Countries

GUTH.FAN DOES NOT CREATE DRAFTS

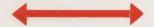




The Guth-Fan, because of its permanence, is always ready for use during both summer and winter months. Many times during winter months, rooms become over-heated, or cold air lurks in the corners. Running the Guth-Fan for a short time circulates all of the air in the room, thereby producing a uniform temperature.

## Wonderful Principle of Moving Air

An entirely new method of circulating air is employed in the Guth-Fan, a method that has set new standards for health, comfort and efficiency. The effect of moving air on health, mental and physical aggressiveness parallels that of climate. In order to control body temperature it is necessary to maintain an ideal climatic atmosphere around the body. This ideal climatic atmosphere can be maintained to a large degree by proper air-moving facilities. In a still, warm atmosphere the body is surrounded by a layer of hot, moist air. In order to promote radiation of heat from the body and evaporate perspiration, this layer of air must be removed and removed in such a manner that will not be injurious to health.



### No. R-3676-4 Lights

Material—Brass and Cast Aluminum Finish F-707—(Brushed Pewter and Marine Bronze) Length, 27-In. O. A. — Body, 14-In. Square G-5593 Engraved Amber Cased Glass Panels

Fixture Price \$66.50 Fan Price \$65.00 Complete Price \$131.50

Complete Code Zaim

Switch Price, \$1.25 Each Additional Extra Length—Price, \$1.00 Per Foot Additional

GUTH-FAN DOES NOT COOL FOOD ON A TABLE





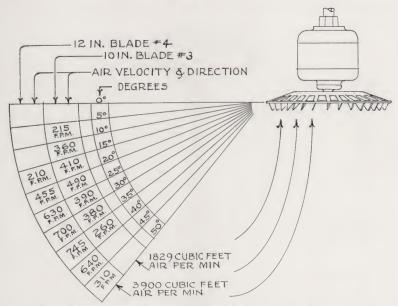
### DESCRIPTION OF FINISH

Canopy, Glass Frame and Fan Blade— Brushed Pewter—Stem and Motor Marine Bronze

U. S. Pat. 169201. Other U. S. and For. Pats. Pending "Guth-Fan" Trade Mark Reg. in U. S. and Numerous Foreign Countries

GUTH-FAN DOES NOT BLOW PAPERS OFF A DESK





Above diagram shows the velocity and direction of the breeze produced by the No. 3 and No. 4 blades, also the number of cubic feet of air moved per minute by each.

The Guth-Fan eliminates all the discomfitures of drafts and strong air blast annoyances. A breeze not exceeding 300 feet per minute will not cause injurious drafts and yet will remove the layer of warm, moist air from the body.

The cool air below the Guth-Fan is drawn upward in a column to a revolving blade and forced outward at a slight downward angle. This breeze is continuous in all directions to the walls, downward to the floor, back toward the center of the room and again up to the fan blade.



## No. R-3691-4 Lights

Material-Brass

Finish F-708—(Antique Pewter and Old Gold)

Length 27-In. O. A. Alabaster Cased Glass Panels

Design No.	Lites	Diam.	Glass No.	Fixture Price	Fan Price	Complete Price	Complete Code
R-3691	4	17"	G-4760	\$37.50	\$65.00	\$102.50	Zain
R-3692	6	21"	G-4761	50.00	65.00	115.00	Zaip
		0 . 1	n . 64		4 4 4		

Switch Price, \$1.25 Each Additional Extra Length—Price, \$1.00 Per Foot Additional





## No. R-3691 DESCRIPTION OF FINISH

Canopy and Glass Frame, Old Gold Stem, Motor and Blade, Antique Pewter U. S. Pat. 1699201. Other U. S. and For. Pats. Pending "Guth-Fan" Trade Mark Reg. in U. S. and Numerous Foreign Countries

GUTH-FAN MOVES MORE AIR PER WATT ENERGY



Room temperatures are considerably higher at the ceiling so, as the Guth-Fan air supply is drawn upward from below, only the cooler air is circulated. Guth-Fan effectively cools the body through the constant and general movement of all the air that is occupied.

The low velocity at which the air is drawn upward prevents the loading of the air with dust — dust, of course, being very harmful to respiratory organs.

It is a pleasure to sit beneath the Guth-Fan and have a pleasant breeze circulating all around you without being disturbed by papers and other light articles blowing off your desk or table. When the Guth-Fan is placed in a dining room it does not cool the food on the table, nor are the food odors blown toward you.

In rooms where there is excessive smoking, the Guth-Fan will draw the smoke upward and dissipate it into the air. Air movement revitalizes air, and for this reason the smoke disappears.

# The Field for Guth-Fan and Fixtures

The Guth-Fan is universal in its adaptability and has a wide field of commercial, industrial and residential uses. Some of those to which it is especially well adapted are: Hotel Guest Rooms and Dining Rooms, Private and Professional Offices, Hospital Wards and Patients' Rooms, Club and Residence Libraries, Card and Billiard Rooms, Store and Dressing Rooms, Shoppes, Elevators, Theatre Box Offices, Ball Rooms, Restaurants and Kitchens.



#### No. R-3680-6 Lights

Material—Brass and Cast Aluminum Finish F-710—(Antique Pewter and Green Gold)

Length, 27-In. O. A. — Spread, 15-In. Fan Complete

Fan Price \$65.00 Price \$100.00 Complete Code Zebu

Fixture Price \$35.00

Switch Price, \$1.25 Each Additional Extra Length—Price, \$1.00 Per Foot Additional





## DESCRIPTION OF FINISH

Canopy Stem Motor and Blade, Antique Pewter. Casting on Canopy, Stem, and Bottom Knob, Green Gold. Body Shells, Green Gold, Balance, Antique Pewter.

U. S. Pat. 1699201. Other U. S. and For. Pats. Pending "Guth-Fan" Trade Mark Reg. in U. S. and Numerous Foreign Countries

GUTH-FAN DOES NOT LOAD THE AIR WITH DUST





# GUTH FAN CANOPY AND STEM—No Lights

Material—Steel Finish—F-663 (Primo) Length, 27-In. O. A.

Price Code FM-3060-60 cycle, .\$65.00 Fume 110 volt, A. C.... FM-3061-50 cycle, 65.00 Fumb 110 volt, A. C.... FM-3062-40 cycle, 65.00 Fule 110 volt, A. C .... FM-3063—60 cycle, 65.00 Fund 220 volt, A. C.... FM-3064-115 volt, 65.00 Fungi D. C..... FM-3065-230 volt, 70.00 Furi D. C..... FM-3066-32 volt, D. C..... 65.00 Fune Pull Switch, Price \$1.50 Each Add'l Extra Length-\$0.50 Per Foot Add'l

Complete

Code

Zems

For two-speed motors in 60 cycle A. C. Current only, add \$10.00 to list. Control requires double pole, double throw switches or H & H Switch No. 21533.

## No. R-3677-3 Lights

Material—Steel

Finish F-709—(Olive Green) or Finish F-663—(Primo)

Length 27-In. O. A.

Designs	Lites	Fixture	Fan	Complete	Complete
No.		Price	Price	Price	Code
R-3677	2	\$2.50	\$65.00	\$67.50	Zand
R-3678	3	3.75	65.00	68.75	Zany
R-3679	4	5.00	65.00	70.00	Zare

Pull Switch, Price \$1.50 Each Additional Extra Length—\$0.50 Per Foot Additional



## No. R-3681-6 Lights

Material—Brass

Finish F-711—(Tarnished Verde Brass) Length, 42-In. O. A. — Diameter, 11-In. G-5598 Clear Glass One Panel Hinged

G-5598 Clear Glass, One Panel Hinged
Fixture Fan Complete
Price Price Price

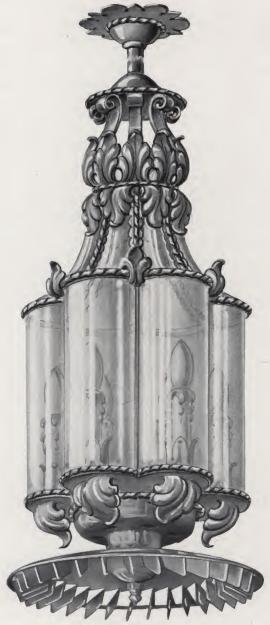
\$65.00

\$169.00

Switch Price, \$1.25 Each Additional Extra Length—Price, \$1.00 Per Foot Additional

\$234.00





Complete Fan and Fan Fixture, Tarnished Verde Brass U. S. Pat. 1699201. Other U. S. and For. Pats. Pending "Guth-Fan" Trade Mark Reg. in U. S. and Numerous Foreign Countries



# Lack of Air Motion Causes Air Starvation

Extensive laboratory studies have been conducted to ascertain the effect of heat and air circulation with relation to health. Startling discoveries were disclosed that revealed the physiological reactions, mental and physical efficiencies of persons subjected to experiments. It was proven that a man suffered more keenly from the effects of air starvation when his body was enclosed in an air-tight box with his head outside than when his head was enclosed with his body outside. It was also discovered that a man sealed in an airtight box soon showed symptoms of breathing vitiated air. Upon starting an electric fan in the box, the man immediately regained his lost vitality. Stagnated air and rise in temperature were responsible for the lost vitality. The conclusion reached was that it is necessary to have fresh cool air next to the body and that air motion is necessary for health.

# Breeze Plus Light from a Single Unit

Never before has there been provided such an attractive method of combining a lighting fixture with a fan. Illumination intensities, distribution and principle can be definitely controlled and built on to the Guth-Fan so that the usual eyestrain and weariness resultant from flickering light is entirely eliminated.

The room center is the ideal place for a luminaire and also the best location for an air circulator, so that the Guth-Fan

-Continued on page Sixteen

Complete

Code

Zend



### No. R-3682-6 Lights

Material-Brass

Finish F-712—(Brushed Steel and Ebony Striping)

Length, 42-In. — Diameter, 12-In.

G-5601 Engraved Ebony Flashed Glass Panels

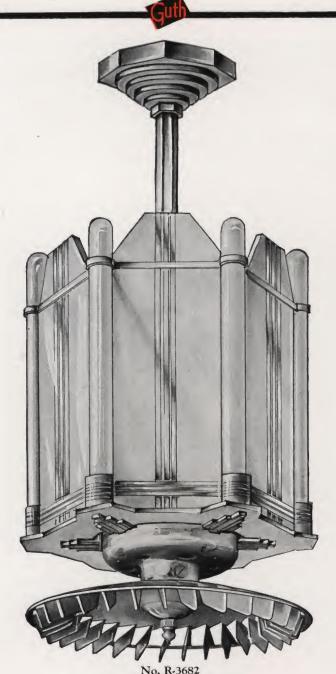
Price

6 No. T-8-12" Frosted 40 W., 115 V., Lamps Included Complete Fan Fixture

Price Price \$65.00 \$171.25 \$106.25 Switch Price, \$1.25 Each Additional

Extra Length-Price, \$1.50 Per Foot Additional

GUTH-FAN AND FIXTURE DOES NOT CAUSE FLICKERING LIGHT



# DESCRIPTION OF FINISH Canopy and Glass Frame, Brushed Steel with Ebony Striping. Fan Motor and Blade, Brushed Steel.



Guth-Fan installation in the switch board room of the Tri-State Telephone Company, Albert Lea, Minn.



## No. R-3683-4 Lights

Material—Brass
Finish F-713—(Flanders Brass)
Length, 42-In. — Diameter, 15-In. O. A.
P-783—15-In. Decorated Mica Shade
Natural Wax Color Candles
Fan Complete
Price Price
\$65.00 \$140.00
Switch Price, \$1.25 Each Additional

Extra Length—Price, \$1.50 Per Foot Additional

Complete Code Zest

Fixture Price \$75.00

The Edwin F. Guth Company - - - 2615



No. R-3683 Entire Fixture and Fan Blade, Flanders Brass Mica Shade Hand Decorated in Natural Colors.

Washington Ave. - - St. Louis, U. S. A.



and lighting fixture combination solves the joint problem of good lighting and effective air circulation at that source. Lights and fan can be controlled separately by using a three-wire outlet and twin wall switch, or separate fan and light switching can be applied to the unit.

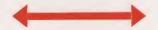
The designs illustrated herein are standard, and the Guth-Designers and Engineers will welcome an opportunity of making special designs to meet your special requirements.

# A Big Saving in Wiring Effected

On new building projects it will be well worth the while of Architects, Engineers and Owners to investigate the new Guth-Fan. On any type of large installation where there are fifty or more rooms to be wired for fans and lighting fixtures, it will be possible to save \$250.00 or more on wiring by including Guth-Fans and Fan Fixtures in the specifications. It is only necessary to pull three wires through the conduit and use a twin wall switch for controlling the light and the fan, whereas, in other methods, it is necessary to have a convenience outlet wired separately. This additional material and construction is a big price factor on an installation of any size.

## Guth-Fan Motor

The Guth-Fan Motor is of low wattage, ample capacity, very quiet running and will give continuous and uninterrupted service for twenty or more years. It is cool running,



### No. R-3684-6 Lights

Material—Brass and Iron Finish F-714—(Lombard Iron, Gold Relief) P-784—16½-In. Natural Pearl Mica Shade Length, 42-In. — Diameter, 16½-In. O. A.

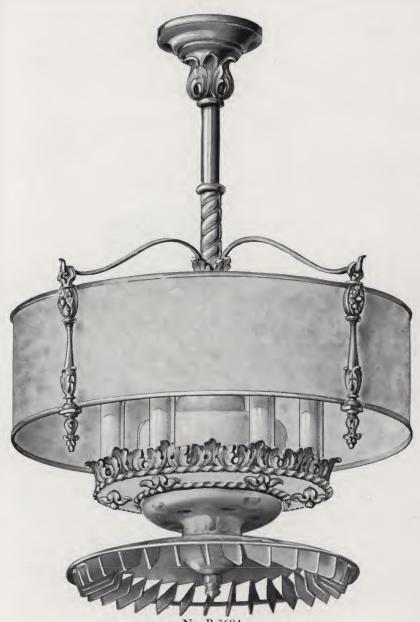
Fixture Fan Price Price \$81.25 \$65.00 Complete Price \$146.25

Complete Code Zeta

Switch Price, \$1.25 Each Additional Extra Length—Price, \$1.00 Per Foot Additional

GUTH-FAN AND FIXTURE MOUNTED ON ONE OUTLET



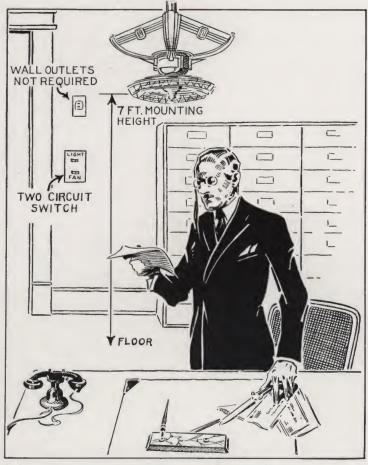


DESCRIPTION OF FINISH

Complete Fan and Fan Fixture, Lombard Iron with Gold Relief on
Ornamental Parts. Natural Pearl Mica Shade.
U. S. Pat. 1699201. Other U. S. and For. Pats. Pending
"Guth-Fan" Trade Mark Reg. in U. S. and Numerous Foreign Countries

GUTH-FAN AND FIXTURE EFFECTS BIG SAVING IN WIRING





with large lubricated chambers packed with wool and solidified grease. Bearings are fully enclosed, sealed against dust, and will render service many years. Guth-Fan motors are guaranteed by the makers.



No. R-3685—4 Lights Material—Brass

Finish F-715—(Colonial Brass)
P-785—18-In. Gold and Black Decorated Parchment Shade

Length, 42-In. — Diameter, 18-In. O. A.
G-5544—White Glass Bowl
Fan Complete
Price Price

Fixture

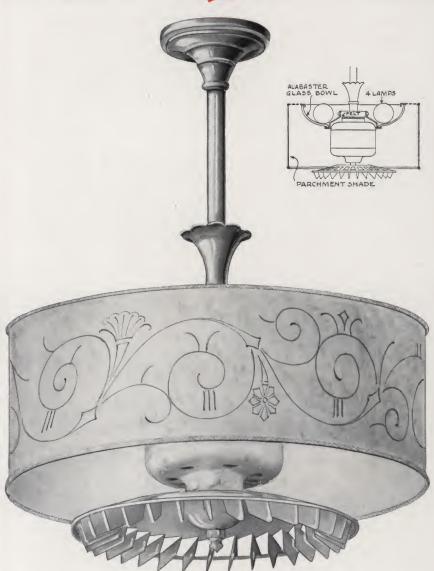
Price

\$40.00

\$65.00 \$105.00 Pull Switch, Price \$1.50 Each Additional Extra Length—\$1.00 Per Foot Additional Complete Code Zeng

ENTIRELY NEW PRINCIPLE OF AIR CIRCULATION





No. R-3685

## DESCRIPTION OF FINISH

Complete Fan and Fan Fixture, Colonial Brass. Parchment Shade Hand Decorated in Black and Gold.

U. S. Pat. 1699201. Other U. S. and For. Pats. Pending "Guth-Fan" Trade Mark Reg. in U. S. and Numerous Foreign Countries

GUTH-FAN IS UNIVERSAL IN ITS ADAPTABILITY



## Guth-Fan Blades

The Guth-Fan blades are formed and stamped from a special steel blank and hubbed in dies assuring perfect centering and balance. They are all udylited to prevent rust or corrosion. Electroplating and Duco finishes are applied over Udylite. The Guth-Fan blade is easily removed for washing.

It has been found from experiments and testing that blades of more than one size are necessary to meet varying conditions, depending upon room size, purpose of the room and the number of fans used. In rooms of average size, the 12-inch blade with 31 vanes is recommended. All fans will be supplied with 12-inch blade unless otherwise specified.

The 10-inch blade is recommended for Hospital Single Bedrooms and other locations where a smaller volume of air is desired, or in quarters where there is not a large area to be cooled. All blades give sufficient air to effectively cool without endangering health.

On Page 6 is a chart which shows the air velocity of each blade, at various angles, also the number of cubic feet of air moved by each.

For Elevator cabs, Railroad coaches and long narrow passages we have constructed a special blade known as No. 5–12-inch. This blade is not shown on chart.

The 12-inch blade has a fan load of approximately 60 watts, and the 10-inch blade, 21 watts. The idle motor load in both instances is approximately 60 watts.



### No. R-3694-6 Lights

Material—Brass

Finish F-715—(Colonial Brass)

Diameter, 18-In. — Length, 42-In. Natural Wax Color Candles

Design No.	Lites	Fixture Price	Fan Price	Complete Price	Complete Code
R-3693	4	\$50.00	\$65.00	\$115.00	Zeus
R-3694	6	62.50	65.00	127.50	Zith

Switch Price, \$1.25 Each Additional Extra Length—Price, \$1.00 Per Foot Additional





## DESCRIPTION OF FINISH

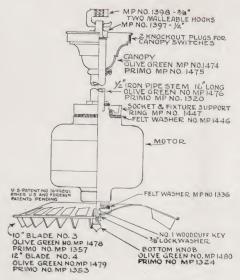
Complete Fan and Fan Fixture, Colonial Brass

U. S. Pat. 1699201. Other U. S. and For. Pats. Pending "Guth-Fan" Trade Mark Reg. in U. S. and Numerous Foreign Countries

GUTH-FAN IS RIGID IN CONSTRUCTION



# Construction and Assembly



The patented superior mechanical features of the Guth-Fan instantly places it in a category by itself from the standpoint of design and construction. All Guth-Fan parts are carefully inspected before leaving the Factory.

Two malleable hooks provide a supporting means for the Guth-Fan. These hooks are very strong and designed to allow the fan to hang perpendicular and plumb under all conditions. The hooks fit compactly and snugly in the canopy and because of their diminutive size it is possible to use a

smaller and more decorative canopy than is commonly used.

The canopy is provided with two knockouts for attaching pull switches for separate fan and light control.

The socket and fixture supporting ring provides the simplest and most practical method of mounting a lighting fixture to the Guth-Fan. Building vibration caused by external forces such as trains, heavy traffic, heavy machinery, etc., is absorbed by a felt washer below the supporting ring thus protecting the fixture and lamps and assuring greater lamp life. Sockets can be attached directly to the fixture support and wires are neatly concealed therein.

All the above features are progressive developments in a field in which there have been but few outstanding mechanical improvements in fan building for a great number of years.

For best results the fan should be hung low, preferably 6 feet, 6 inches to 7 feet from the floor. Care should be taken in assembling the fan. Be certain that the blade is mounted on the motor as it is shown on the above illustration.

### No. R-3686—4 Lights Material—Brass

Finish F-59—(Statuary Bronze) Length, 27-In. — Diameter, 16½-In. O. A. G-5606—16½-In. Alabaster Glass Bowl

Fixture Fan Complete
Price Price Price
\$26.25 \$65.00 \$91.25

Complete Code Zodi

Pull Switch, Price, \$1.50 Each Additional Extra Length—Price, \$1.00 Per Foot Additional





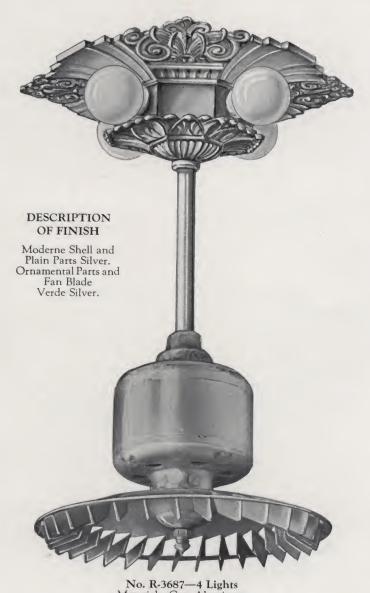
## DESCRIPTION OF FINISH

Complete Fan and Fan Fixture, Statuary Bronze

U. S. Pat. 1699201. Other U. S. and For. Pats. Pending "Guth-Fan" Trade Mark Reg. in U. S. and Numerous Foreign Countries

GUTH-FAN COOLS IN NATURE'S WAY





Fixture Price \$14.00 Material—Cast Aluminum
Finish F-716—(Verde Silver)
Length, 27-In. — Diameter, 14-In. O. A.
Fan Complete
Price
Price
\$65.00
Pull Switch, Price, \$1.50 Each Additional
Extra Length—Price, \$0.50 Per Foot Additional

Complete Code Zoll



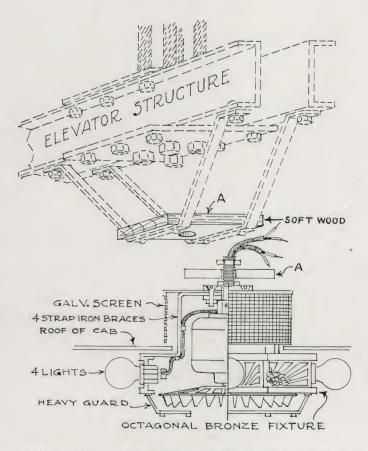


## No. R-3688-3 Lights

Material—Steel
Finish F-717—(Cream, Ivory P/E—Maroon Stripe)
Length, 27-In. — Diameter, 17¼-In. O. A.
Monax Light Diffusing Glass Bowl

Design	Lites	Glass	Fixture	Fan	Complete	Complete
No.		No.	Price	Price	Price	Code
R-3688	3	G-5610—12" Decorated	\$16.75	\$65.00	\$81.75	Zool
R-3689	3	G-5611—12" Plain	13.75	65.00	78.75	Zore
Pull Switch, Price, \$1.50 Each Additional						
Extra Length—Price, \$0.50 Per Foot Additional						





The above illustrates the Guth-Fan and Fixture designed for use in Elevator Cabs. All parts shown in broken lines are not supplied by us.

### No. R-3696-4 Lights

Material—Cast Bronze

Finish F-660—(Marine Bronze)

Diameter, 16-In.

G-5616 Wire Guard

Fixture	Fan	Complete	Complete
Price	Price	Price	Code
\$135.00	\$65.00	\$200.00	Zulu
	Switch Price, \$	1.25 Each Additional	

Guth Designers and Engineers together with Authorities of large Elevator Cab Manufacturers have given considerable thought to the designing and constructing of Guth-Fans and Fixtures for use in Elevator Cabs. The result of tests have proven the method of suspension, as illustrated, to be highly satisfactory and wherever possible this method is recommended.

Neither the Guth-Fan nor Fixture comes in contact with the cab roof, therefore there is no possible chance of vibration noises occurring.

The Fan Blade is carefully guarded by means of a heavy guard wire.

Fan and Lights can be controlled by a twin wall switch or by separate fan switches on the fixture.

# Prices of Glassware

		List
P-783	15-In. Decorated Mica Shade	\$33.75
P-784	16½-In. Natural Pearl Toned Mica Shade	17.50
P-785	18-In. Gold and Black Decorated Parchment Shade	20.00
G-4760	Alabaster Cased Glass Panels	.90
G-4761	Alabaster Cased Glass Panels.	1.25
G-5544	White Glass Bowl	7.50
G-5593	Engraved Amber Cased Glass Panels	4.00
G-5601	Engraved Ebony-Flashed Glass Panels.	4.00
G-5606	16½-In. Alabaster Glass Bowl	15.00
G-5610	12-In. Decorated Glass Bowl	8.00
G-5611	12-In. Plain Glass Bowl	5.00
G-5616	Wire Guard	10.00

# The Edwin F. Guth Company



Fixture Price \$175.00 Fan Price \$65,00 Complete Price \$240.00

Code Complete Paste

Pull Switch, Price, \$1.25 Each Additional Extra Length, Price, \$2.50 Per Foot Additional

EDWIN F. GUTH CO. WASHINGTON AT JEFFERSON AVE. ST. LOUIS, U.S.A.



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\$175.00

\$65.00

\$240.00

Paste

Pull Switch, Price, \$1.25 Each Additional Extra Length, Price, \$2.50 Per Foot Additional

EDWIN F. GUTH CO WASHINGTON AT JEFFERSON AVE. ST. LOUIS, U.S.A.